

09413900 BEAVER DAM WASH NEAR ENTERPRISE, UT

LOCATION.--Lat 37°28'12", long 114°02'45", in NW¹/4 SW¹/4 NW¹/4 sec. 24, T. 38 S., R. 20 W., Washington County, Hydrologic Unit 15010010, Bureau of Land Management, on left bank 0.4 mi downstream from Nevada-Utah State line and about 19 mi southwest of Enterprise.

DRAINAGE AREA.--58 mi².

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 4,760 ft above NGVD of 1929, from topographic map.

REMARKS.-- Records fair except for daily discharges less than 2.0 ft³/s and estimated daily discharges, which are poor. Some regulation of low flow by Schroeder Reservoir (capacity about 200 acre-ft) 3 miles upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,760 ft³/s, Feb 24, 1998, gage height, 10.16 ft, from floodmarks, from rating curve extended above 70 ft³/s on basis of slope-area measurement at gage height, 9.56 ft; no flow Aug 8, 10, 1994.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 150 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 30	1145	*4.6	*4.64				

Minimum daily discharge 0.01 ft³/s, Aug 28, 29, 30.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.83	2.3	3.2	3.2	3.1	3.1	3.0	3.1	1.3	0.28	0.48	0.03
2	0.89	2.2	3.2	3.2	3.1	3.2	2.9	3.1	1.1	0.30	0.50	0.04
3	0.96	2.1	3.2	3.2	3.1	3.2	2.9	3.1	0.71	0.34	0.49	0.06
4	0.99	1.8	3.3	3.2	3.1	3.2	2.9	3.0	0.77	0.36	0.47	0.09
5	1.1	1.7	3.2	3.2	3.1	3.2	2.4	3.0	0.89	0.40	0.40	0.11
6	1.0	2.0	3.0	3.1	3.1	3.2	3.0	2.6	0.96	0.44	0.45	0.18
7	0.69	2.3	3.0	3.2	3.1	3.2	2.7	2.8	1.1	0.37	0.47	0.26
8	0.60	2.4	3.1	3.1	3.1	3.2	2.5	3.0	1.1	0.34	0.49	0.36
9	0.93	2.5	3.2	3.1	3.1	3.1	2.8	3.1	1.1	0.37	0.50	0.35
10	1.1	2.7	3.2	3.3	3.1	3.1	2.9	3.1	0.97	0.39	0.48	0.41
11	1.2	2.8	3.2	3.1	3.1	3.1	3.1	3.3	0.99	0.39	0.30	0.49
12	1.2	2.8	3.1	3.1	3.1	3.0	3.1	3.3	1.0	0.41	0.20	0.62
13	1.4	3.0	3.1	3.1	3.1	3.1	3.0	3.2	1.0	0.40	0.14	0.77
14	1.3	2.9	3.1	3.1	3.1	3.1	2.9	3.1	1.00	0.29	0.11	0.94
15	1.5	2.8	3.2	3.1	3.1	3.1	2.6	2.9	0.89	0.25	0.11	0.98
16	1.5	2.7	3.0	3.1	3.1	3.2	2.4	2.8	0.58	0.31	0.10	0.75
17	1.6	2.7	2.9	3.1	3.1	3.2	2.4	2.8	0.45	0.36	0.09	0.75
18	1.6	2.7	3.0	3.1	3.2	3.2	2.6	2.7	0.49	0.44	0.10	0.83
19	1.6	2.7	3.0	3.1	3.1	3.1	2.9	1.7	0.56	0.52	0.07	0.89
20	1.7	2.8	3.0	3.1	3.1	3.0	3.1	1.6	0.60	0.52	0.09	0.97
21	1.7	2.8	3.1	3.0	3.1	3.0	3.1	2.0	0.61	0.52	0.10	1.0
22	1.3	2.8	3.0	3.1	3.1	3.0	3.1	2.4	0.61	0.50	0.14	1.1
23	1.4	3.3	3.1	3.1	3.1	2.3	3.1	2.6	0.59	0.53	0.16	1.0
24	1.6	3.6	3.1	3.0	3.0	2.0	3.1	2.7	0.55	0.54	0.16	1.1
25	1.7	3.6	3.0	3.1	3.1	2.5	3.0	2.7	0.56	0.53	0.11	1.2
26	1.7	3.2	3.0	3.1	3.0	2.7	3.1	2.3	0.61	0.54	0.06	1.2
27	1.8	3.1	3.0	3.1	3.1	2.8	3.4	2.0	0.61	0.53	e0.03	1.2
28	1.8	3.2	3.0	3.3	3.1	2.8	3.6	1.9	0.60	0.38	e0.01	1.2
29	1.7	3.2	3.1	3.2	---	2.9	3.3	1.9	0.50	0.29	e0.01	0.87
30	1.9	3.3	3.2	2.9	---	2.8	3.1	1.7	0.34	0.32	e0.01	0.67
31	2.3	---	3.3	3.0	---	2.8	---	1.6	---	0.40	e0.03	---
TOTAL	42.59	82.0	96.1	96.7	86.7	92.4	88.6	80.5	23.14	12.56	6.86	20.42
MEAN	1.374	2.733	3.100	3.119	3.096	2.981	2.953	2.597	0.771	0.405	0.221	0.681
MAX	2.3	3.6	3.3	3.3	3.2	3.2	3.6	3.3	1.3	0.54	0.50	1.2
MIN	0.60	1.7	2.9	2.9	3.0	2.0	2.4	1.6	0.34	0.25	0.01	0.03
AC-FT	84	163	191	192	172	183	176	160	46	25	14	41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2002, BY WATER YEAR (WY)

MEAN	2.824	3.741	4.340	11.46	28.41	38.98	18.09	5.455	2.447	1.002	2.298	1.726
MAX	7.75	6.66	9.59	55.2	115	128	97.6	14.6	5.44	2.86	14.0	5.82
(WY)	2001	2001	1995	1993	1993	1993	1998	1998	1995	1998	2000	1997
MIN	1.37	2.60	2.43	3.12	3.10	2.98	2.95	2.18	0.65	0.15	0.20	0.56
(WY)	2002	1997	1992	2002	2002	2002	2002	1996	1996	1997	1996	2001

VIRGIN RIVER BASIN

09413900 BEAVER DAM WASH NEAR ENTERPRISE, UT--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1992 - 2002
ANNUAL TOTAL	1612.95	728.57	
ANNUAL MEAN	4.419	1.996	
HIGHEST ANNUAL MEAN			9.967
LOWEST ANNUAL MEAN			29.0
HIGHEST DAILY MEAN	117	Mar 10	2.00
LOWEST DAILY MEAN	0.23	Sep 13	2002
ANNUAL SEVEN-DAY MINIMUM	0.31	Jul 1	0.00
ANNUAL RUNOFF (AC-FT)	3200	1450	0.02
10 PERCENT EXCEEDS	6.8	3.2	Aug 24 1998
50 PERCENT EXCEEDS	2.8	2.6	Aug 8 1994
90 PERCENT EXCEEDS	0.48	0.34	0.02 Aug 27 2002
			0.51

e Estimated

